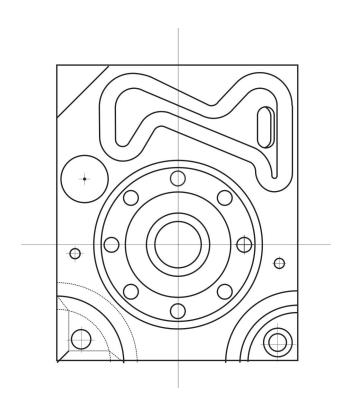
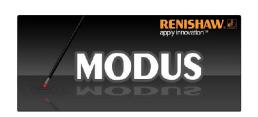


Further CNC feature measurement (non-CAD)





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Renishaw part no: H-1000-5318-01-B

Issued: 06 2014

Further CNC feature measurement (non-CAD)

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1 Further CNC feature measurement (non-CAD)

1.1 Tutorial pre-requisites

The student should have completed, and have a sound knowledge of all 'Alignment' tutorials

1.2 Tutorial objectives

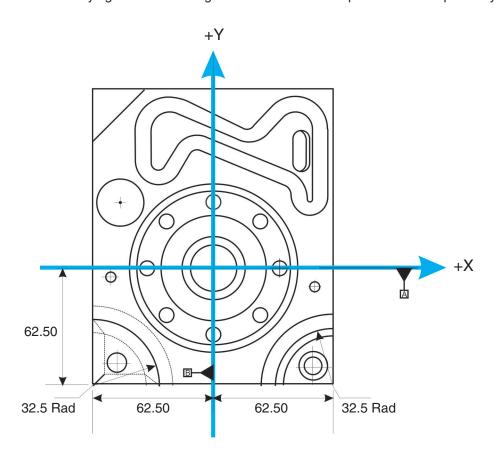
- Further exposure to feature measurement using data obtained from drawing definition
- Introduction to the use of 'multi' features
- Introduction to measurement in 'AUTO' mode and the settings that apply

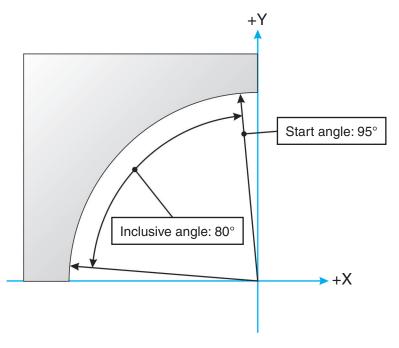
2 Introduction

This tutorial will introduce the student to further CNC feature measurement options including multi-feature measurement. Additionally, the student will be introduced to a measurement settings and measurement options specific to running a program using automatically calculated movement and measurement paths.

3 Select a working plane

Prior to carrying out the following measurement the component must be precisely aligned.

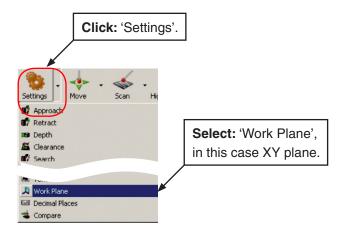




NOTE: 'Arc' measurement is the same as 'Circle' measurement with added parameter changes.

Move the probe to a clear position to inspect the radius.

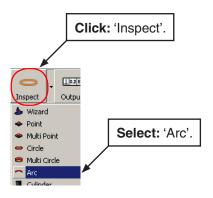
Create a GOTO.

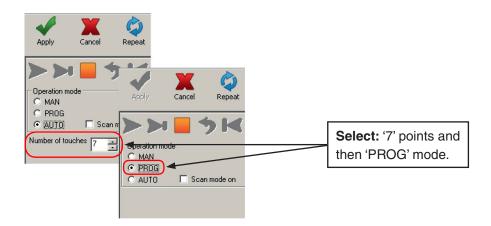




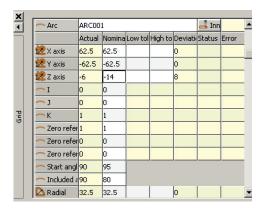
WKPLAN/XYPLAN

4 Enter nominal drawing data

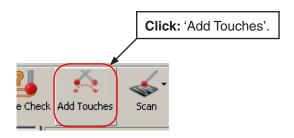


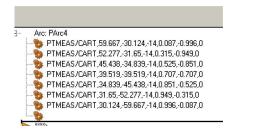


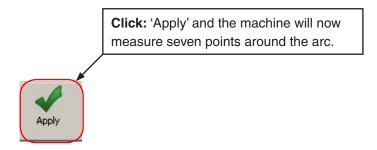
Enter the nominal data:

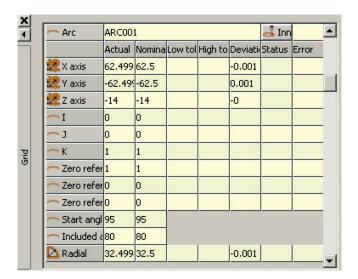


5 Measure an arc









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